

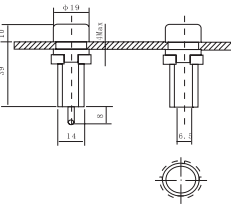
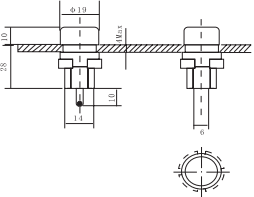
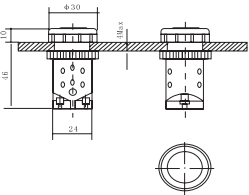
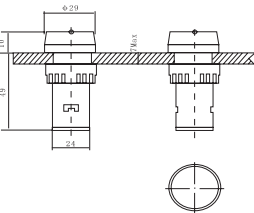
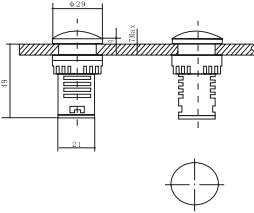
Indication Lamp & Switches



Indication Lamp	E-01-02
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Limit Switch.....	E-15-16
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Indication Lamp



Type	Voltage	Colour	Diagram
AD16-16D	AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 48V AC/DC 110V AC/DC 220V AC 110V AC 220V AC 380V	Red Pure green Yellow Pure blue Pure white	
AD16-16D/S	AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 48V AC/DC 110V AC/DC 220V AC 110V AC 220V AC 380V	Red Pure green Yellow Pure blue Pure white	
AD16-22A	AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 48V AC/DC 110V AC/DC 220V AC 110V AC 220V AC 380V	Red Pure green Yellow Pure blue Pure white	
AD16-22B	AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 48V AC/DC 110V AC/DC 220V AC 110V AC 220V AC 380V	Red Pure green Yellow Pure blue Pure white	
AD16-22C	AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 48V AC/DC 110V AC/DC 220V AC 110V AC 220V AC 380V	Red Pure green Yellow Pure blue Pure white	

Indication Lamp



Type	Voltage	Colour	Diagram
AD16-22D	AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 48V AC/DC 110V AC/DC 220V AC 110V AC 220V AC 380V	Red Pure green Yellow Pure blue Pure white	
AD16-22E	AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 48V AC/DC 110V AC/DC 220V AC 110V AC 220V AC 380V	Red Pure green Yellow Pure blue Pure white	
AD16-22BS	AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 48V AC/DC 110V AC/DC 220V AC 110V AC 220V AC 380V	Red Pure green Yellow Pure blue Pure white	
AD16-22CS	AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 48V AC/DC 110V AC/DC 220V AC 110V AC 220V AC 380V	Red Pure green Yellow Pure blue Pure white	
AD16-22DS	AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 48V AC/DC 110V AC/DC 220V AC 110V AC 220V AC 380V	Red Pure green Yellow Pure blue Pure white	

Pushbutton Switch

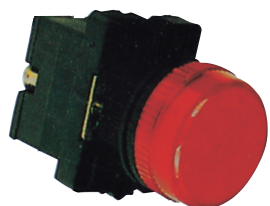
Signalling units ø22 Ip40



XB2-EV164



XB2-EV444



XB2-EV64

Description	Scheme	Supply voltage	Color	Reference
Direct supply (1)				
For using with incandescent bulb (included) BA 9s base fitting		130V 50/60Hz	Green	XB2-EV133
			Red	XB2-EV134
			Yellow	XB2-EV135
			Blue	XB2-EV16
For using with incandescent bulb (included) BA 9s base fitting		≤ 250V 50/60Hz	White	XB2-EV161
			Green	XB2-EV163
			Red	XB2-EV164
			Yellow	XB2-EV165
			Blue	XB2-EV166
			Clear	XB2-EV167
For using with incandescent bulb (included) E10/13 base fitting		≤ 250V 50/60Hz	White	XB2-EV661
			Green	XB2-EV663
			Red	XB2-EV664
			Yellow	XB2-EV665
			Blue	XB2-EV666
			Clear	XB2-EV667
(1) Bulb types for using with direct supply: incandescent bulb U ≤ 250V, max.power 3W, max.diameter length 28 mm.				
For using with neon bulb (included) BA 9s base fitting		240V~50/60Hz 220/240V bulb 400V~50/60Hz 380/415V bulb	Green	XB2-EV443
			Red	XB2-EV444
			Yellow	XB2-EV445
			Blue	XB2-EV446
			Clear	XB2-EV447
		230V~50/60Hz 130V bulb	Green	XB2-EV453
			Red	XB2-EV454
			Yellow	XB2-EV455
			Blue	XB2-EV456
			Clear	XB2-EV457
Supply direct through resistor				
For using with incandescent bulb (included) BA 9s base fitting			White	XB2-EV171
			Green	XB2-EV173
			Red	XB2-EV174
			Yellow	XB2-EV175
			Blue	XB2-EV176
			Clear	XB2-EV177
BA 9s 6.3V/24V bulb supplied	Via integral transformer 1.2VA	220V~240V/6.3V 50/60Hz	Green	XB2-EV1853
			Red	XB2-EV1854
			Yellow	XB2-EV1855
			Blue	XB2-EV1856
BA 9s 6.3V/24V bulb supplied	Via integral transformer 1.2VA	220V~240V/6.3V 50/60Hz	Green	XB2-EV1873
			Red	XB2-EV1874
			Yellow	XB2-EV1875
			Blue	XB2-EV1876
Direct BA 9s		≤ 380V	White	XB2-EV61
			Green	XB2-EV63
			Red	XB2-EV64
			Yellow	XB2-EV65
			Blue	XB2-EV66
BA 9s, 130V Direct through resistor BA 9s,130V bulb supplied		220V 250V	White	XB2-EV71
			Green	XB2-EV73
			Red	XB2-EV74
			Yellow	XB2-EV75
			Blue	XB2-EV76

Pushbutton Switch

Circular head

Complete units with screw and captive cable clamp connections

Pushbuttons, spring return

Description	Contact Type	Scheme	Color	Reference
Pushbutton spring return	N/O		Black	XB2-EA121
			Green	XB2-EA131
	N/C		Red	XB2-EA142
			Black	XB2-EA125
			Green	XB2-EA135
Pushbutton latching	N/C		Black	XB2-EH121
			Green	XB2-EH131
	N/C+N/O		Black	XB2-EH125
			Green	XB2-EH135
			Black	XB2-EA21
Flush	N/O		Green	XB2-EA31
			Yellow	XB2-EA51
			Blue	XB2-EA61
			Red	XB2-EA42
	N/C		Red	XB2-EA42
Mushroom head ø40mm	N/O		Black	XB2-EC21
			Green	XB2-EC31
			Yellow	XB2-EC51
			Blue	XB2-EC61
	N/C		Red	XB2-EC42
Mushroom head	N/C		ø30	XB2-ES442
			ø40	XB2-ES542
			ø60	XB2-ES642
Flush	N/O		Green	XB2-EA3311
			White ↑ or →	XB2-EA3341
			Black ↓ or ⇐	XB2-EA3351
	N/C		Red O	XB2-EA4322
			Red stop	XB2-EA4342



XB2-EA142



XB2-EA135



XB2-EA42



XB2-EC42



XB2-ES542



XB2-EA3341



XB2-EA4322

Pushbutton Switch



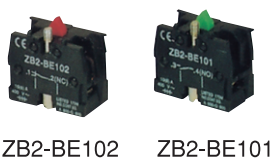
XB2-ED21



XB2-EJ33



XB2-EG33



ZB2-BE102

ZB2-BE101



ZB2-BE102

ZB2-BE101



ZB2-BZ102

ZB2-BZ101

Selector switches

Description	Contact/Type	Scheme	Operator	Reference
2 Position stay put	N/C		Standard handle	XB2-ED21
			Long handle	XB2-EJ21
	N/O+N/C		Standard handle	XB2-ED25
			Long handle	XB2-EJ25
2 Position 1 spring return from right to left	N/O		Standard handle	XB2-ED41
			Long handle	XB2-EJ41
	N/O+N/C		Standard handle	XB2-ED45
			Long handle	XB2-EJ45
3 Position stay put	N/O+N/O		Standard handle	XB2-ED33
			Long handle	XB2-EJ33
3 Position 2 spring return to centre	N/O+N/O		Standard handle	XB2-ED53
			Long handle	XB2-EJ53

Key switches(key n° 455)

Description	Contact/Type	Scheme	Key removal	Reference
2 Position stay put	N/O		LH position	XB2-EG21
			LH and RH position	XB2-EG41
	N/C+N/O		LH position	XB2-EG25
			LH and RH position	XB2-EG45
2 Position 1 spring return from right to left	N/O		LH position	XB2-EG61
	N/O+N/O		LH position	XB2-EG5
3 Position stay put	N/O+N/O		Centre position	XB2-EG33
			LH and RH position	XB2-EG53
			All 3 position	XB2-EG03
3 Position 2 spring return to centre position	N/O+N/O		Centre position	XB2-EG73

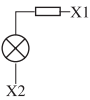
Additional/replacement contact block, screw and captive cable

For making up body assemblies with 3, 4, 5 or maximum of 6 contact blocks or replacing 1st or and contact	N/O	Clamp connection		ZB2-BE101
	N/C			ZB2-BE102
	N/O			ZB2-BZ101
	N/C			ZB2-BZ102
	N/O+N/O			ZB2-BZ103
	N/C+N/C			ZB2-BZ104
	N/O+N/C			ZB2-BZ105

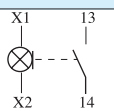
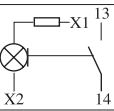
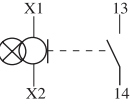
Pushbutton Switch

Circular head, screw and captive cable clamp connections Complete units

Signalling units ø22

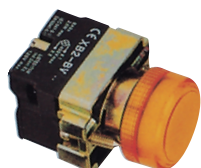
Description	Scheme	Supply/voltage	Color	Reference
Direct bulb included		≤ 380V	Green	XB2-BV63
			Red	XB2-BV64
			Yellow	XB2-BV65
Via integral resistor BA 9s, 130V bulb supplied		220V 250V	Green	XB2-BV73
			Red	XB2-BV74
			Yellow	XB2-BV75
Via integral transformer 1.2VA BA 9s, 6V bulb supplied		110V/50Hz 110-120V/60Hz	Green	XB2-BV33
			Red	XB2-BV34
			Yellow	XB2-BV35
		220V/50Hz	Green	XB2-BV43
			Red	XB2-BV44
			Yellow	XB2-BV45
		240V/50Hz	Green	XB2-BV943
			Red	XB2-BV944
			Yellow	XB2-BV945
		380V/50Hz	Green	XB2-BV53
			Red	XB2-BV54
			Yellow	XB2-BV55
		415V/50Hz	Green	XB2-BV933
			Red	XB2-BV934
			Yellow	XB2-BV935

Illuminated flush pushbuttons with 1N/O contact

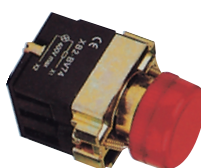
Supply	Scheme	Supply/voltage	Color	Reference
Direct bulb supplied		≤ 380V	Green	XB2-BW3361
			Red	XB2-BW3461
			Yellow	XB2-BW3561
Direct through resistor BA 9s, 130V bulb supplied		220V 250V	Green	XB2-BW3371
			Red	XB2-BW3471
			Yellow	XB2-BW3571
Via integral transformer 12.VA BA 9s, 6V bulb supplied		110V/50Hz 110-120V/60Hz	Green	XB2-BW3331
			Red	XB2-BW3431
			Yellow	XB2-BW3531
		220V/50Hz	Green	XB2-BW3341
			Red	XB2-BW3441
			Yellow	XB2-BW3541
		240V/50Hz	Green	XB2-BW33941
			Red	XB2-BW34941
			Yellow	XB2-BW35941
		380V/50Hz	Green	XB2-BW3351
			Red	XB2-BW3451
			Yellow	XB2-BW3551
		415V/50Hz	Green	XB2-BW33931
			Red	XB2-BW34931
			Yellow	XB2-BW35931



XB2-BV63



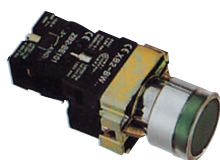
XB2-BV65



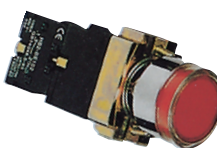
XB2-BV74



XB2-BV44



XB2-BW3361



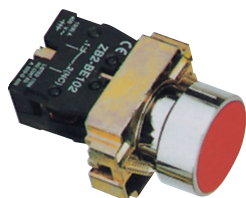
XB2-BW3471

Pushbutton Switch

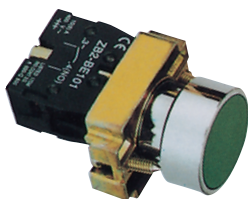
Circular head, with chromium plated metal bezel

Complete units with screw and captive cable clamp connections

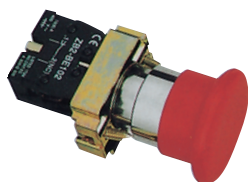
Pushbuttons, spring return



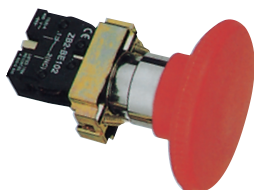
XB2-BA42



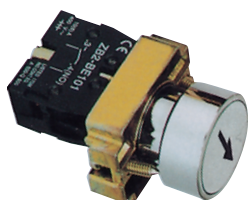
XB2-BA31



XB2-BC42



XB2-BR42



XB2-BA3341

Description	Contact/type	Scheme	Color	Reference
Flush	N/O		Black	XB2-BA21
			Green	XB2-BA31
			Yellow	XB2-BA51
			Blue	XB2-BA61
	N/C		Red	XB2-BA42
Projecting	N/O		Black	XB2-BL21
			Green	XB2-BL31
			Yellow	XB2-BL51
			Blue	XB2-BL61
	N/C		Red	XB2-BL42
Booted	N/O		Black	XB2-BP21
			Green	XB2-BP31
			Yellow	XB2-BP51
			Blue	XB2-BP61
	N/C		Red	XB2-BP42
Mushroom head 40mm	N/O		Black	XB2-BC21
			Green	XB2-BC31
			Yellow	XB2-BC51
			Blue	XB2-BC61
	N/C		Red	XB2-BC42
Mushroom head 60mm	N/O		Black	XB2-BR21
			Green	XB2-BR31
			Yellow	XB2-BR51
			Blue	XB2-BR61
	N/C		Red	XB2-BR42

Pushbuttons, spring return

Description	Contact/type	Scheme	Color	Reference
Flush	N/O		Green	XB2-BA3311
			White ↑ or →	XB2-BA3341
			Black ↓ or ⇐	XB2-BA3351
	N/C		Red o	XB2-BA4222
			Red stop	XB2-BA4342
Projecting	N/C		Red o	XB2-BA4322
			Red stop	XB2-BA4342

Pushbutton Switch

Circular head, with chromium plated metal bezel

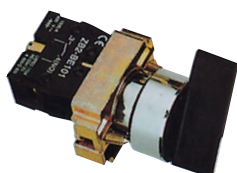
Complete units with screw and captive cable clamp connections



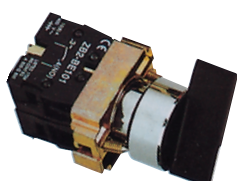
XB2-BD21



XB2-BD33



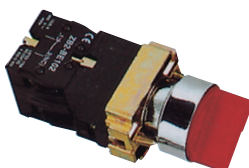
XB2-BJ21



XB2-BJ33



XB2-BG21



XB2-BK2465

Selector switches				
Description	Contact/type	Scheme	Operator	Reference
2 Position stay put	N/O		Standard handle	XB2-BD21
			Long handle	XB2-BJ21
	N/C+N/O		Standard handle	XB2-BD25
			Long handle	XB2-BJ25
2 Position 1 spring return from right to left	N/O		Standard handle	XB2-BD41
			Long handle	XB2-BJ41
	N/C+N/O		Standard handle	XB2-BD45
			Long handle	XB2-BJ45
3 Position stay put	N/O+N/O		Standard handle	XB2-BD33
			Long handle	XB2-BJ33
3 Position 2 spring return to centre	N/O+N/O		Standard handle	XB2-BD53
			Long handle	XB2-BJ53

Key switches(key n° 445)

Description	Contact/type	Scheme	Key removal	Reference
2 Position stay put	N/O		LH Position	XB2-BG21
			LH and RH Position	XB2-BG41
	N/C+N/O		LH Position	XB2-BG25
			LH and RH Position	XB2-BG45
2 Position 1 spring return from right to left	N/O		LH Position	XB2-BG61
			LH Position	XB2-BG65
3 Position stay put	N/O+N/O		Centre Position	XB2-BG33
			LH and RH Position	XB2-BG53
			All 3 Position	XB2-BG03

Selector switches with pilot light

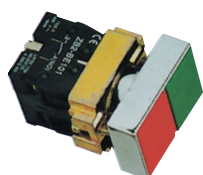
Description	Contact/type	Scheme	Reference
2 Position stay put	N/C+N/O		XB2-BK2365
			XB2-BK2465
			XB2-BK2565
			XB2-BK2665
			XB2-BK2765
	N/C+N/O		XB2-BK3365
			XB2-BK3465
			XB2-BK3565
			XB2-BK3665
			XB2-BK3765
	N/C+N/O		XB2-BK5365
			XB2-BK5465
	N/C+N/O		XB2-BK5565
			XB2-BK5665
	N/C+N/O		XB2-BK5765
			XB2-BK5765

Pushbutton Switch

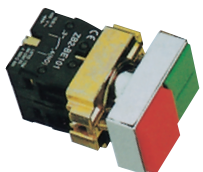
With chromium plated metal bezel

Complete units with screw and captive cable clamp connections

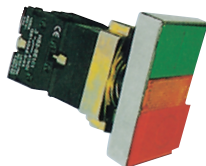
Double-headed pushbuttons, spring return



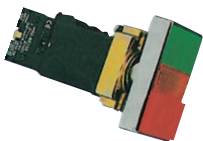
XB2-BL8325



XB2-BL8425



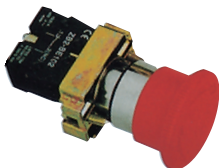
XB2-BW8465



XB2-BW8445



XB2-BT42



XB2-BS542



XB2-BS142

Description	Contact/type	Scheme	Scheme	Degree. of protection	Reference
Without pilot light 1 flush green pushbutton 1 projecting red pushbutton	N/O + N/C		Unmarked	IP40	XB2-BL8325
				IP65	XB2-BL9325
				IP40	XB2-BL8425
				IP65	XB2-BL9425
With pilot light 1 flush green pushbutton 1 pilot light with yellow lens Direct supply° 380V 1 projecting red pushbutton	N/O + N/C		Unmarked	IP40	XB2-BW8365
				IP40	XB2-BW8365
1 flush green pushbutton 1 pilot light with yellow lens 220/250V supply direct through resistor BA 9s, 130V bulb included 1 projecting red pushbutton	N/O + N/C		Unmarked	IP40	XB2-BW8375
				IP40	XB2-BW8475
1 flush green pushbutton 1 pilot light with yellow lens 1.2VA-220V direct supply via integral transformer BA 9s 6V, bulb included 1 projecting red pushbutton	N/O + N/C		Unmarked	IP40	XB2-BW8345
				IP40	XB2-BW8445

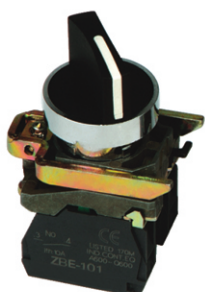
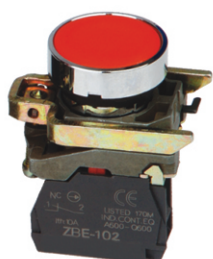
Latching mushroom head “emergency stop” pushbutton

Description	Contact/type	Scheme		Reference
Push-pull Red			ø40	XB2-BT42
			ø60	XB2-BX42
Turn to release Red	N/C		ø30	XB2-BS442
			ø40	XB2-BS542
Key release(key n° 445) Red			ø60	XB2-BS642
			ø30	XB2-BS742
			ø40	XB2-BS142
			ø60	XB2-BS242

Latching mushroom head pushbutton with “Trigger action”

Turn to release Red release(Key n° 445) Red	N/O + N/C		ø40	XB2-BS8445
				XB2-BS9445

Pushbutton Switch



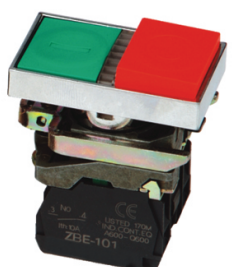
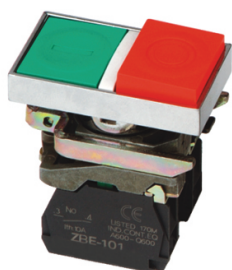
Type	Contact type	Colour	Voltage	Slack
XB4-BA21 XB4-BA31 XB4-BA42 XB4-BA51 XB4-BA61 XB4-BA25 XB4-BA35 XB4-BA45	NO NO NC NO NO NO+NC NO+NC NO+NC	B G R Y BL B G R		Flush
XB4-BC21 XB4-BC31 XB4-BC42 XB4-BC51 XB4-BR21 XB4-BR31 XB4-BR42 XB4-BR51	NO NO NC NO NO NO NC NO	B G R Y BL B G R		Spring return BC type ø40 BR type ø60
XB4-BS442 XB4-BS542 XB4-BS642	NC NC NC	R		Turn to release ø30 ø40 ø60
XB4-BD21 XB4-BD25 XB4-BD33 XB4-BD41 XB4-BD45 XB4-BD53	NO NO+NC NO+NO NO NO+NC NO+NO			2-position locked 2-position locked 3-position locked 2-position reset 2-position reset 3-position reset
XB4-BJ21 XB4-BJ25 XB4-BJ33 XB4-BJ41 XB4-BJ45 XB4-BJ53	NO NO+NC NO+NO NO NO+NC NO+NO			2-position locked 2-position locked 3-position locked 2-position reset 2-position reset 3-position reset

Pushbutton Switch



Type	Contact type	Colour	Voltage	Slack
XB4-BG21 XB4-BG25 XB4-BG33 XB4-BG41 XB4-BG61 XB4-BG53	NO NO+NC NO+NO NO+NO NO NO NO+NO			2-position locked 2-position locked 3-position locked 3-position locked 2-position reset 2-position reset 3-position reset
XB4-BT21 XB4-BT42 XB4-BT845	NO NC NO+NC	B R R		ø40
XB4-BL21 XB4-BL31 XB4-BL42 XB4-BL51 XB4-BL61	NO NO NC NO NO	B G R Y BL		Protruding button
XB4-BW3 □ B5 XB4-BW3 □ G5 XB4-BW3 □ M5	NO+NC	□ Ento-figure 3 G 4 R 5 Y 6 BL 7 T	24 ~48...120V ~230...240V	Liiuminated BA9S Lamp socket LED BA9S bulb and neno lamp
XB4-BW3365 XB4-BW3465 XB4-BW3565 XB4-BW3665 XB4-BW3765	NO+NC	3 G 4 R 5 Y 6 BL 7 T	≤ 250V	Liiuminated BA9S Lamp socket LED BA9S bulb and neno lamp

Pushbutton Switch

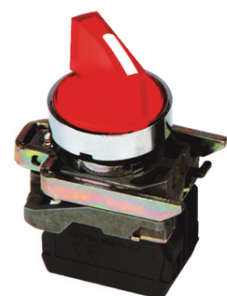


Type	Contact type	Colour	Voltage	Slack
XB4-BL8325 XB4-BL8312 XB4-BL8425 XB4-BL8412	NO+NC	R+G W+B R+G W+B		Double end button Flush+Flush "0" + "1" Projecting+Flush
XB4-BW8365 XB4-BW8465	NO+NC	R+G		Flush+Flush "0" + "1" Projecting+Flush LED lamp socket LED
XB4-BP21 XB4-BP31 XB4-BP42 XB4-BP51 XB4-BP61	NO NO NC NO NO	B G R Y BL		Degree of protection IP66
XB4-BS142	NC	R		ø40 ø60
XB4-BV63 XB4-BV64 XB4-BV65 XB4-BV66 XB4-BV67		G R Y BL T	≤ 250V	Lamp BA9S Lamp socket LED BA9S bulb and neo lamp

Pushbutton Switch



XB4-BVB □
XB4-BVG □
XB4-BVM □



XB2-BK12 □ 3
2-position locked
XB2-BK13 □ 3
3-position locked
XB2-BK14 □ 3
2-position reset
XB2-BK15 □ 3
3-position reset



XB4-BA3311
XB4-BA3341
XB4-BA3351
XB4-BA4322



XB4-BH02
XB4-BH03
XB4-BH04
XB4-BH05
XB4-BH06

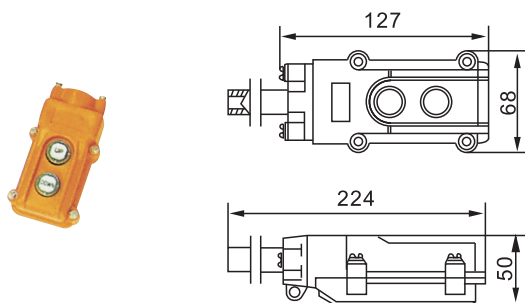


XB4-BL9312
XB4-BL9434

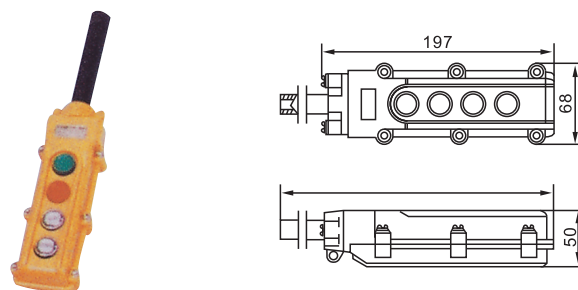
Type	Contact type	Colour	Voltage	Slack
XB4-BVB □ XB4-BVG □ XB4-BVM □		□ Ento- figure 3 G 4 R 5 Y 6 BL 7 T	24V ~48...120V ~230...240V	BA9S lamp socket LED BA9S bulb and neno lamp
XB2-BK12 □ 3 2-position locked XB2-BK13 □ 3 3-position locked XB2-BK14 □ 3 2-position reset XB2-BK15 □ 3 3-position reset	NO+NO NO+NC	□ Ento- figure G R Y BL T	210V~220V	LED lamp socket LED
XB4-BA3311 XB4-BA3341 XB4-BA3351 XB4-BA4322	NO NO NO NC	G W B R	I ↑ ↓ ↑ ↓ O	Flush of marking on
XB4-BH02 XB4-BH03 XB4-BH04 XB4-BH05 XB4-BH06	NO+NC	B G R Y BL		Flush of slef- locking
XB4-BL9312 XB4-BL9434	NO+NC	W+B R+G		Flush+Projecting Projecting+Flush Degree of protection IP66

Indicators

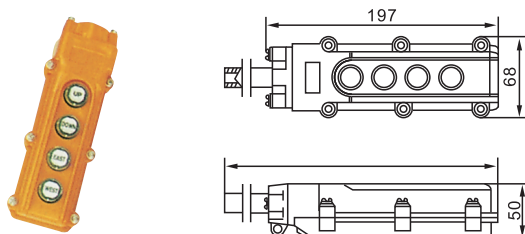
COB61



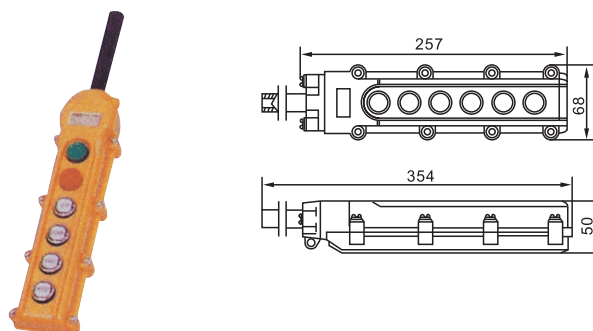
COB61A



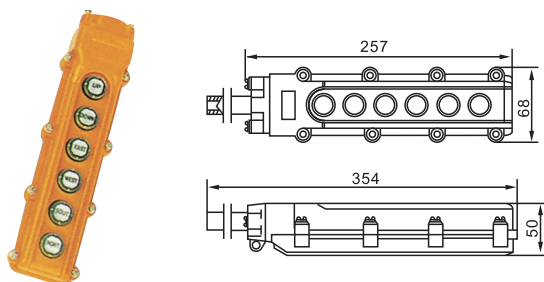
COB62



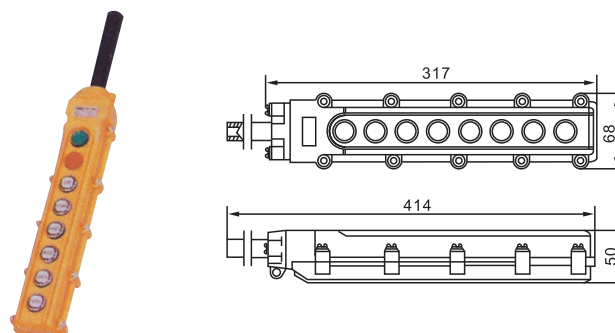
COB62A



COB63



COB63A



HJ9-6

HJ9-4

HJ9-3

HJ9-1



BS211

BS216

BS230

BSP-330

Limit Switch

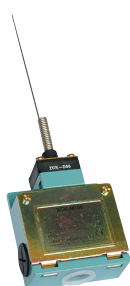
Application

Limit switches are ideal electrical control switches in mechanical and other industries. They have features of complete specifications and varieties of types, compact structure, nice appearance, excellent performance, flexible and reliable action, easy installation, operation, maintenance and adjustment.

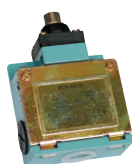
The switches are applicable to AC control circuits of 40 to 60Hz, with a voltage up to 500V or DC control circuits with a voltage up to 600V, and a current up to 10A to convert a mechanical signal into an electrical signal for the purpose of controlling mechanical movement or performing sequential control.



XCK-M102



XCK-M106



XCK-M110



XCK-M115



XCK-M121



XCK-M139



XCK-M141



XCK-P102



XCK-P106



XCK-P110



XCK-P118



XCK-P121



XCK-P127



XCK-P128



XCK-P139



XCK-P145



XCK-P155



XCK-T102



XCK-T106



XCK-T110



XCK-T118



XCK-T121



XCK-T127



XCK-T128



XCK-T145



XCK-T155



XCK-S101



XCK-S102



XCK-S121



XCK-S131



XCK-S141



XCK-S139

Limit Switch



XCK-J10511



XCK-J10531



XCK-J10541



XCK-J10559



XCK-J108



XCK-J121



XCK-J139



XCK-J161



XCK-J167



ME9101



ME8104



ME8107



ME8108



ME8111



ME8112



ME8122



ME8166



ME8169



MEA-9104



MEA-9107



MEA-9108



MEA-9111



MEA-9122



MEA-9124



MEA-9127



MEA-9128



MEA-9139



MEA-9161



MEA-9112



MEA-9166



MEA-9169



TZ-8104



TZ-8107



TZ-8108



TZ-8111



TZ-8112



TZ-8122



TZ-8166



TZ-8167



TZ-8169



HL-5000



HL-5030



HL-5050



HL-5100



HL-5200



HL-5300

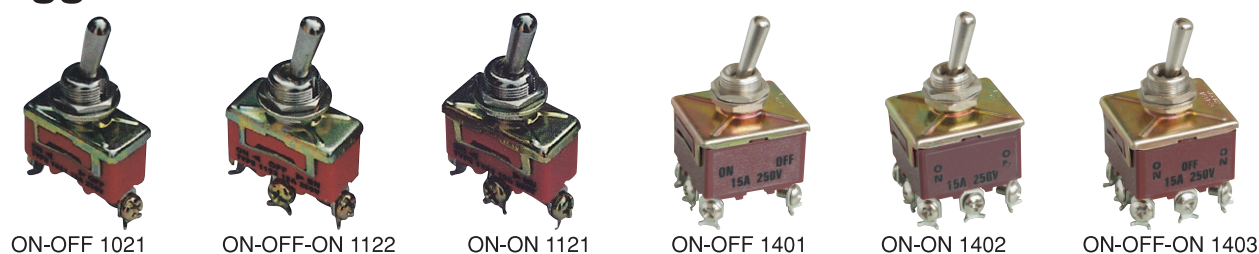
Micro Switch

Application

General purpose micro switches are used in AC control circuits of 50/60Hz, with a voltage up to 380V and a rated control capacity of 100VA or in DC control circuits with a voltage up to 220V and a rated control capacity of 10W.

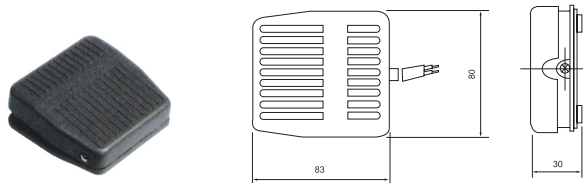


Toggle Switch

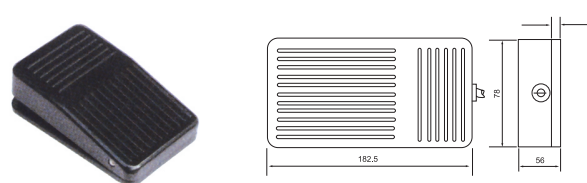


FS Series Foot Control Switch

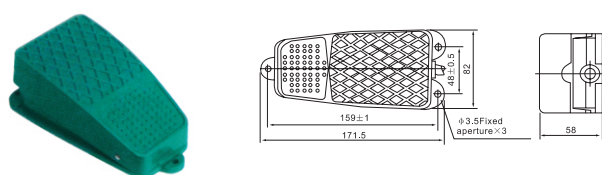
FS-201 202



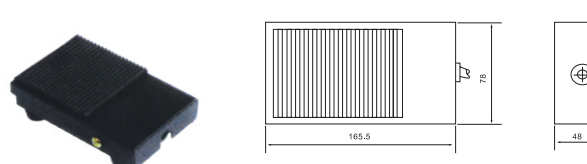
FS-01



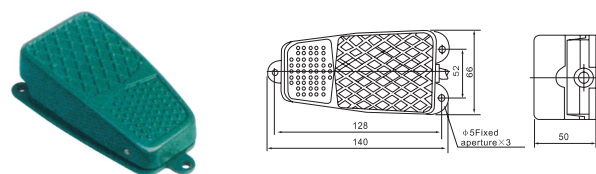
FS-101 102 105



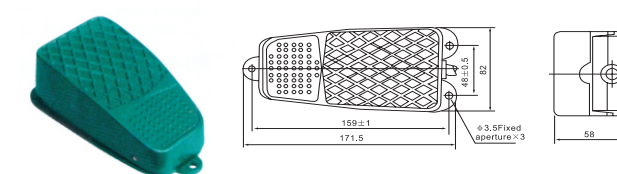
FS-1



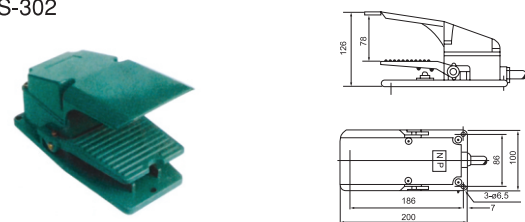
FS-2



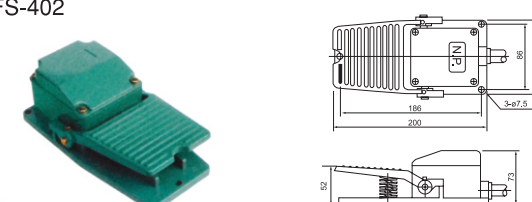
FS-3 3S



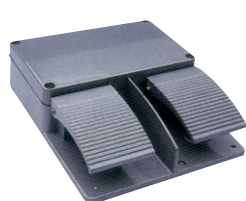
FS-302



FS-402



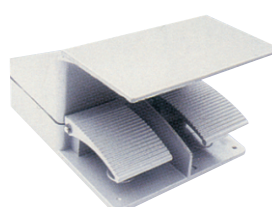
Foot Switch



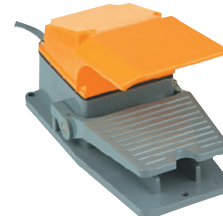
SFMS-10



SFMS-15



SFMS-20



MD13HS



MD-88H



MD-68H



YDT1-101



8013

LW26 Series Rotary Switches

1. Working Conditions

Ambient temperature Do Not exceed 40°C and the average temperature, measured over a period of 24 hours, Do Not exceed 35°C.

Ambient temperature should not be below -5°C.

Should not be installed over 2000m above sea level.

The humidity should not exceed 50% when the ambient temperature is 40°C and higher humidity is allowed for lower temperature.

2. Installation Conditions

A clean environment is required.

Please follow our manual.



LW26-20

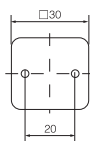


LW26-32

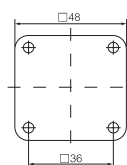
3. Escutcheon plate and handle

Escutcheon plate

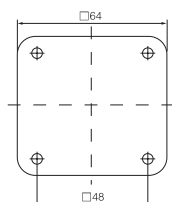
M0



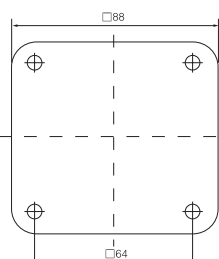
M1



M2



M3



Type of handle	Color	Escutcheon plate M0 M1 M2 M3
R Type	Black Red White Gray	● ● ●
F Type	Black Red White Gray	● ●
H Type	Black Red White Gray	●
P Type	Black Red White Gray	● ●

Type of handle	Color	Escutcheon plate M0 M1 M2 M3
I Type	Black Red White Gray Yellow	● ● ●
B Type	Black Red White Gray	● ●
L Type	Black Red White Gray	●
K Type	Black Red White Gray	● ●

LW26 Series Rotary Switches

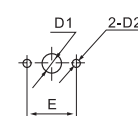
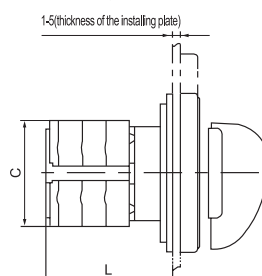
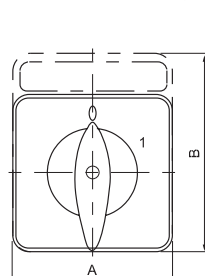
4. Dimensions

Dimensions and installation

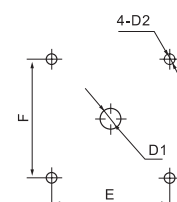
Square escutcheon plate and rectangular escutcheon plate



LW26-20



LW26-10
Installation



LW26-160
Installation



LW26-32

Description	Escutcheon plate	Dimension(mm)				Installation(mm)			
		A	B	C	L	E	F	D1	D2
LW26-10	M0 square	30	30	28	22+8n	20		ø8	ø3.2
LW26X-10	M0 square	30	30	28	26.5+12n	20		ø8	ø3.2
LW26-20	M1 square	48	48	43	22+9.6n	36	36	ø8.5	ø4.5
	M1 rectangular	48	60	43	22+9.6n	36	36	ø8.5	ø4.5
	M2 square	64	64	43	25+9.6n	48	48	ø10	ø4.5
	M2 rectangular	64	80	43	25+9.6n	48	48	ø10	ø4.5
LW26X-20	M1 square	48	48	46	22+14n	36	36	ø8.5	ø4.5
	M1 rectangular	48	60	46	22+14n	36	36	ø8.5	ø4.5
	M2 square	64	64	46	25+14n	48	48	ø10	ø4.5
	M2 rectangular	64	80	46	25+14n	48	48	ø10	ø4.5
LW26-25	M1 square	48	48	45.2	23+12.8n	36	36	ø8.5	ø4.5
	M1 rectangular	48	60	45.2	23+12.8n	36	36	ø8.5	ø4.5
	M2 square	64	64	45.2	26.5+12.8n	48	48	ø10	ø4.5
	M2 rectangular	64	80	45.2	26.5+12.8n	48	48	ø10	ø4.5
LW26-32	M2 square	64	64	58	29.2+12.8n	48	48	ø10	ø4.5
	M2 rectangular	64	80	58	29.2+12.8n	48	48	ø10	ø4.5
LW26-32F	M1 square	48	48	48	23+14n	36	36	ø8.5	ø4.5
	M1 rectangular	48	60	48	23+14n	36	36	ø8.5	ø4.5
	M2 square	64	64	48	24.5+14n	48	48	ø10	ø4.5
	M2 rectangular	64	80	48	24.5+14n	48	48	ø10	ø4.5
LW26-63	M2 square	64	64	66	29.2+21.5n	48	48	ø10	ø4.5
	M2 rectangular	64	80	66	29.2+21.5n	48	48	ø10	ø4.5
	M3 square	88	88	66	29.2+21.5n	68	68	ø13	ø4.5
	M3 rectangular	88	107	66	29.2+21.5n	68	68	ø13	ø4.5
LW26-125	M3 square	88	88	84	35+26.5n	68	68	ø13	ø6
	M3 rectangular	88	107	84	35+26.5n	68	68	ø13	ø6
LW26-160	M3 square	88	88	88	35+26.5n	68	68	ø13	ø6
	M3 rectangular	88	107	88	35+26.5n	68	68	ø13	ø6

LW26GS Series Park-lock Type Switches

1. Classification

(1) The LW26GS switch has 6 current ratings: 20A, 25A, 32A, 63A, 125A and 160A. For 20A and 25A is able to install M1 or M2 plate, and for 32A and 63A is able to install M2 or M3 plate, for 125A and 160A is able to install M3 plate only. The M1 plate is able to put 2
Re: -1、-2、-3 represent M1、M2、M3.

(2) The LW 26GS switch has two types:

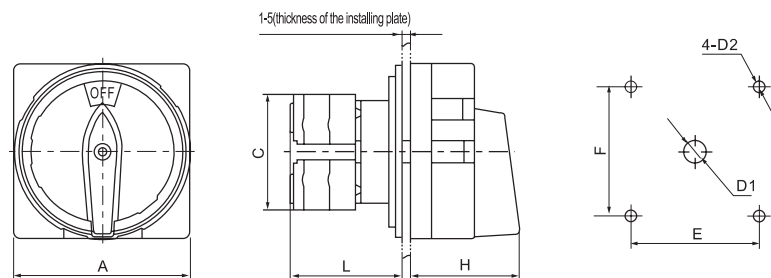
Common type, black plate black handle

Quick stop type, with quick stop mark, yellow plate and red handle.

2. Technical Parameters

Description		LWGS26-20	LWGS26-25	LWGS26-32	LWGS26-63	LWGS26-125	LWGS26-160
Rated working voltage(Ue)	V	440	440	440	440	440	440
Rated thermal current(Ith)	A	20	25	32	63	125	160
Rated working current(Ie)							
AC-21A	A	20	25	32	63	100	150
AC-22A	A	20	25	32	63	100	150
AC-23A	A	15	22	30	57	90	135
Power(P)							
AC-23A	KW	7.5	11	15	30	45	75
Operation							
Non-load		8500	8500	8500	8500	8500	8500
Load		1500	1500	1500	1500	1500	1500
Total		10000	10000	10000	10000	10000	10000

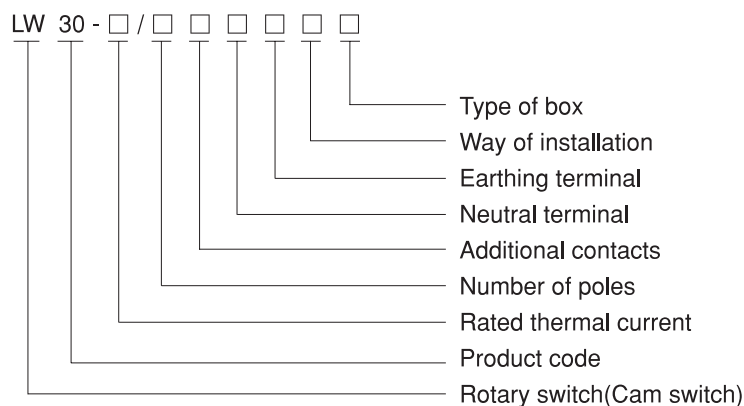
3. Dimension and Installation



Description	Escutcheon plate	Dimension(mm)				Installation(mm)			
		A	C	L	H	E	F	D1	D2
LW26GS-20	M1	48	43	42	33	36	36	ø8.5	ø4.5
LW26GS-20	M2	64	43	43	42	48	48	ø8.5	ø4.5
LW26GS-25	M1	48	45.2	50	33	36	36	ø8.5	ø4.5
LW26GS-25	M2	64	45.2	51	42	48	48	ø8.5	ø4.5
LW26GS-32	M2	64	58	55	42	48	48	ø10	ø4.5
LW26GS-32	M3	88	58	55	52	68	68	ø13	ø6
LW26GS-63	M2	64	66	72.5	42	48	48	ø10	ø4.5
LW26GS-63	M3	88	66	72.5	52	68	68	ø13	ø6
LW26GS-125	M3	88	84	88	52	68	68	ø13	ø6
LW26GS-160	M3	88	88	100	52	68	68	ø13	ø6

LW30 Series Rotary Switches

1. Designation



2. Working Conditions

Ambient temperature Do Not exceed 40°C and the average temperature, measured over a period of 24 hours, Do Not exceed 35°C.

Ambient temperature should not be below -5°C.

Should not be installed above 2000m above sea level.

The humidity should not exceed 50% when the ambient temperature is 40°C and higher humidity is allowed for lower temperature.

Current type: 50Hz AC

Number of main contact: ON and OFF

Frequency: 8 hours per day, 30 times per hour

Mechanism Life: 10000 times/AC-23, 6000 times/AC-3, 2000 times for additional contact.

3. Accessorial Code

Number of poles: 3P, 4P

Additional contacts: 0 for additional contacts not inclosed, 1 for with additional contacts

Neutral terminal: 0 for neutral terminal not inclosed, 1 for with earthing terminal.

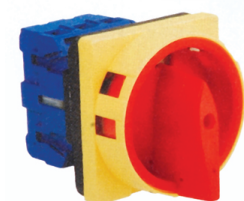
Installation:

- Pad-lock escutcheon plate
- Escutcheon plate
- Single lock parallel installation
- Doorlock safety switch with padlock system
- Single hole installation

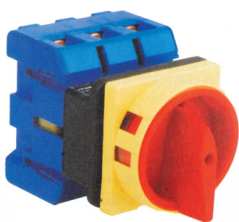
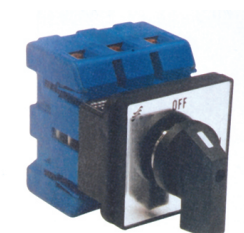
Type of box: 0 without protective box, 1 with IP65 plastic box

4. Installation Conditions

- A clean environment is required.
- Please follow our manual.



LW30-20、32



LW30-80、100

Float Switch

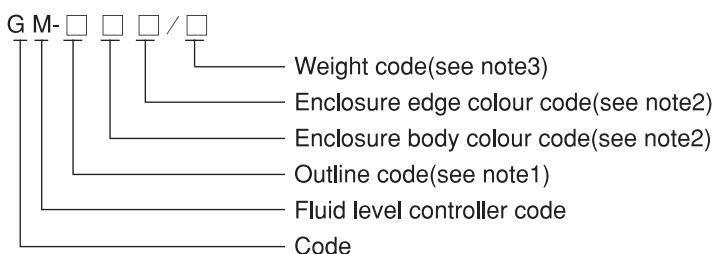
1. Application

Note1(Outline code): "1"-Trapezium "2"-Rectangle "3"-Large circular
"4"-Small circular "5"-

Note2(Colour code): "R"-Red "Y"-Yellow "S"-Blue "G"-Gray "B"-Black

Note3(Weight code): "1"-Plasticsloop-tightened type(usually no marked)

"2"-Plastics clamp plate screw tightened type(marked must)



2. Product Model & External Dimension Curve

